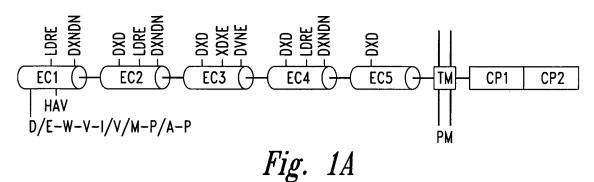
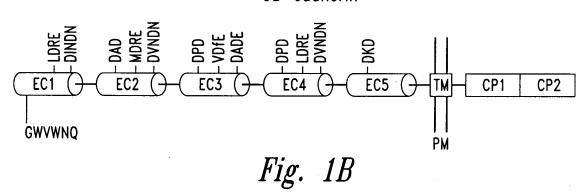
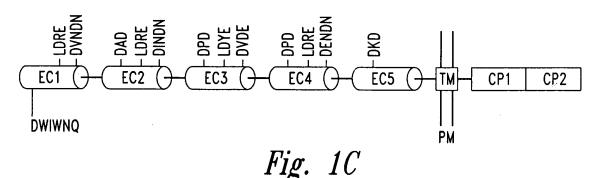
#### Classical cadherin

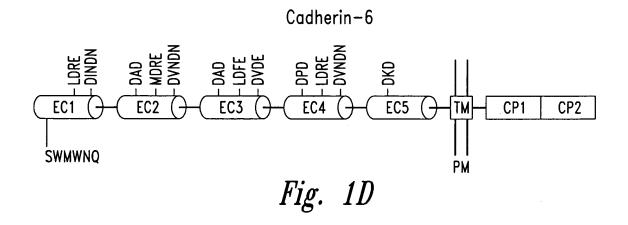


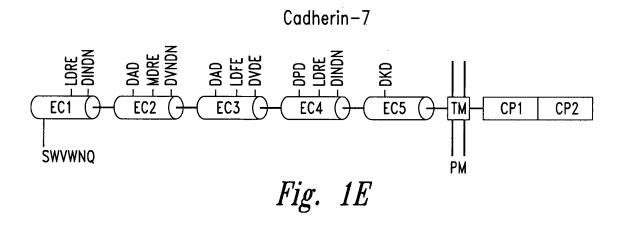
### OB-cadherin

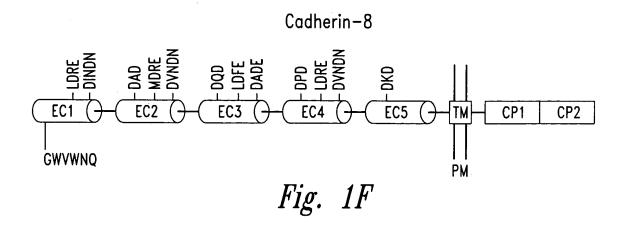


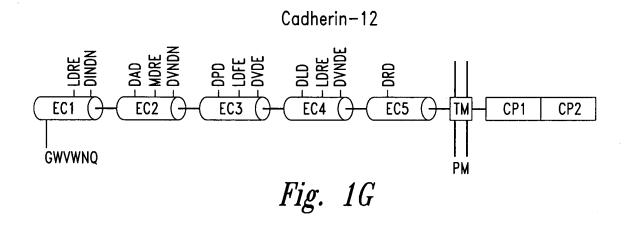
# Cadherin-5

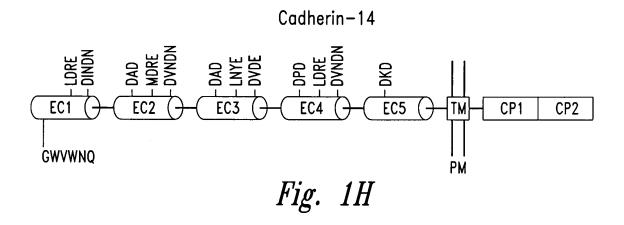


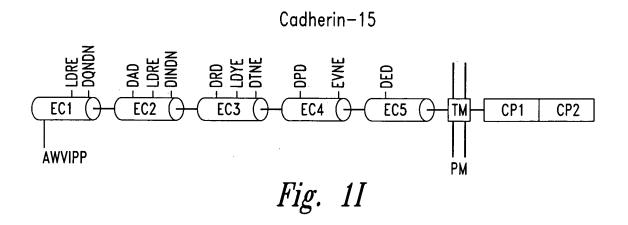




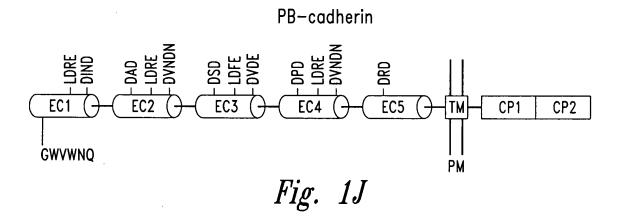








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> RQKR**DWINNQ**MHIDEEKNTSLPHHVGKIKSSVSRKN--AKYLLKGEYVGKVFRVDAETGDVFAIERLDRENISEYHLTAVIVDKDTGENLETPSSFTIKVHDVNDNWPVF RSKR**SMMINQ**FFLLEEYTGSDYQYVGKLHSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQATKRLDREEKPVYILRAQAINRRTGRPVEPESEFIIKIHDINDNEPIF RTKR**Swam**noffvleeymgsdplyvgklhsdvokgdgsikyilsgegassifioentgdihatkrldreeqayytlraqahdrltnkpvepesefvikiqdindnepkf RSKR**GANNIN**OMFVLEEFSGPEPILVGRLHTDLDPGSKKIKYILSGDGAGTIFQINDVTGDIHAIKRLDREEKAEYTLTAQAVDWETSKPLEPPSEFIIKVQDINDNAPEF RVKR**GAVAN**NQFFVLEEYVGSEPQYVGKLHSDLDKGEGTVKYTLSGDGAGTVFTIDETTGDIHAIRSLDREEKPFYTLRAQAVDIETRKPLEPESEFIIKVQDINDNEPKF RPKRGANANOFFVLEEHMGPDPQYVGKLHSNSDKGDGSVKYILTGEGAGTIFIIDDTTGDIHSTKSLDREQKTHYVLHAQAIDRRTNKPLEPESEFIIKVQDINDNAPKF RVKR**GMMANQ**FFVVEEYTGTEPLYVGKIHSDSDEGDGTIKYTISGEGAGTIFLIDELTGDIHATERLDREQKTFYTLRAQARDRATNRLLEPESEFIIKVQDINDSEPRF 5555555 Obcad Cad5 Cad6 Cad7 Cad8 Cad12 Cad14 PBcad

RSKR**GANANO**FFVIEEYTGPDPVLVGRLHSDIDSGDGNIKYILSGEGAGTIFVIDDKSGNIHATKTLDREERAQYTLMAQAVDRDTNRPLEPPSEFIVKVQDINDNPPEF

Human G W V W N Q F F V I E E Y T G P D P V L V G R L H S D I D S G D G N I K Y I L S G E G A G Mouse G W V W N Q F F V I E E Y T G P D P V L V G R L H S D I D S G D G N I K Y I L S G E G A G

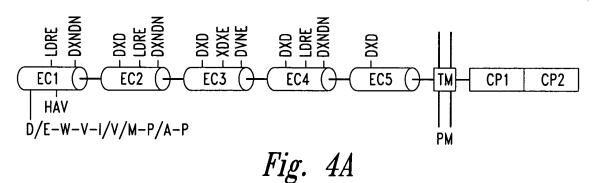
Human TIFVIDDKSGNIHATKTLDREERAQYTLMAQAVDRDTNRPLEPPS Mouse TIFVIDDKSGNIHATKTLDREERAQYTLMAQAVDRDTNRPLEPPS

Human E F I V K V Q D I N D N P P E F Mouse E F I V K V Q D I N D N P P E F

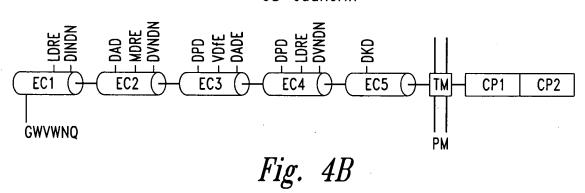
Fig. 3

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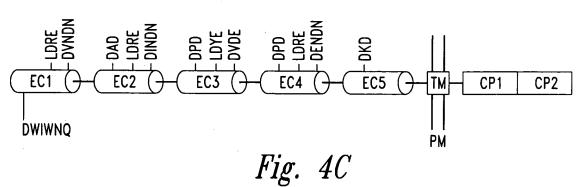
#### Classical cadherin



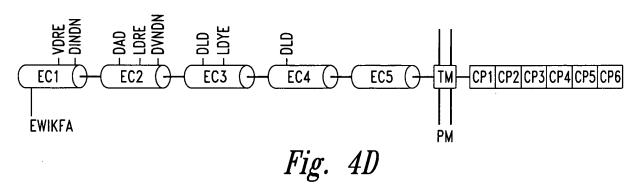
### OB-cadherin



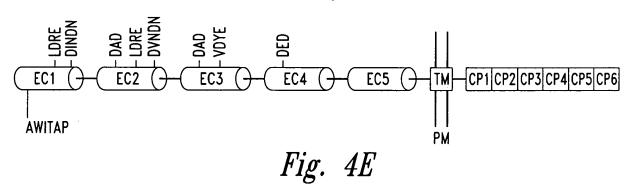
Cadherin-5



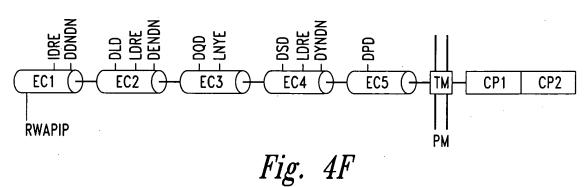
# Desmoglein 1



# Desmoglein 2

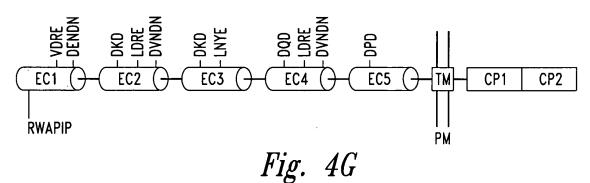


## Desmocollin 1

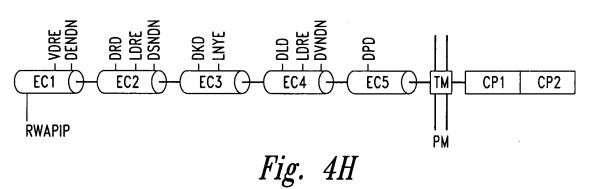


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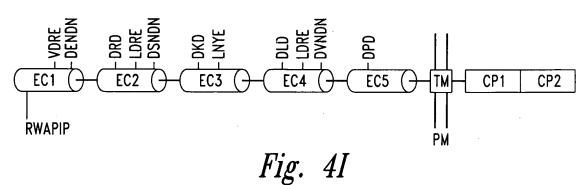
### Desmocollin 2



### Desmocollin 3



# Desmocollin 4

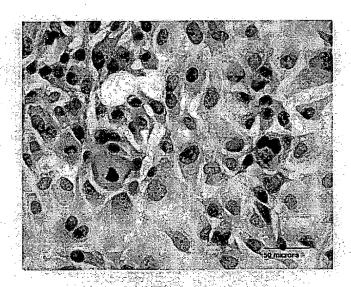


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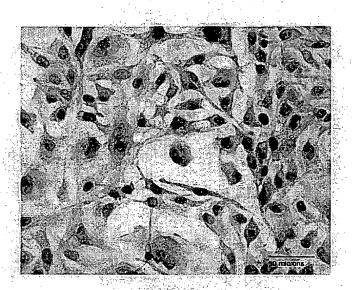
NAPIPCSMQENSLGPFPLFLQQVQSDAAQNY--TIFYSISGRGVDKEPLNLFFIERDTGNLYCTQPVDREEYDVFDLIAYASTADGYSADFPLPLPIRVEDENDNHPIF EWIKFAAACREGEDNSKRNPIAKIHSDCAANQ--QVTYRISGVGIDQPPYGIFVINQKTGEINITSIVDREVTPFFIIYCRALNSMGQDLERPLELRVRVLDINDNPPVF **EWIKFA**AACREGEDNSKRNPIAKIHSDCAANQ--QVTYRISGVGIDQPPYGIFVINQKTGEINITSIVDREVTPFFIIYCRALNSLGQDLEKPLELRVRVLDINDNPPYF **WITAP**VALREGEDLSKKNPIAKIHSDLAEERGLKITYKYTGKGITEPPFGIFVFNKDTGELNVTSILDREETPFFLLTGYALDARGNNVEKPLELRIKVLDINDNEPVF **EWVKF**AKPCREGEDNSKRNPIAKITSDYQATQ--KITYRISGVGIDQPPFGIFVVDKNTGDINITAIVDREETPSFLITCRALNAQGLDVEKPLILTVKILDINDNPPVF **EWWKF**AKPCREREDNSRRNPIAKITSDFQKNQ--KITYRISGVGIDQPPFGIFVVDPNNGDINITAIVDREETPSFLITCRALNALGQDVERPLILTVKILDVNDNPPIF **EWIKFA**AACREGEDNSKRNPIAKIRSDCESNQ--KITYRISGVGIDRPPYGVFTINPRTGEINITSVVDREITPLFLIYCRALNSRGEDLERPLELRVKVMDINDNAPVF **EWIKFA**AACREGEDNSKRNPIARIRSDCEVSQ--RITYRISGAGIDRPPYGVFTINPRTGEINITSVVDREITPLFLIHCRALNSRGEDLERPLELRVKVMDVNDNPPYF **EWIKFA**AACREGEDNSKRNPIAKIHSDCAANQ--PVTYRISGVGIDQPPYGIFIINQKTGEINITSIVDREVTPFFIIYCRALNAQGQDLENPLELRVRVMDINDNPPVF **EWIKFA**AACREGEDNSKRNPIAKIHSDCAANQ--PVTYRISGVGIDQPPYGIFIINQKTGEINITSIVDREVTPFFIIYCRALNAQGQDLENPLELRVRVMDINDNPPVF **RWADIP**ASLMENSLGPFPQHVQQIQSDAAQNY--TIFYSISGPGVDKEPFNLFYIEKDTGDIFCTRSIDREKYEQFALYGYATTADGYAPEYPLPLIIKIEDDNDNAPYF **RWADIP**CSLMENSLGPFPQHIQQIQSDAAQNY--TIFYSISGPGVDKEPYNLFYIEKDTGDIYCTRSIDREQYDQFLVYGYATTADGYAPDYPLPLLFKVEDDNDNAPYF **RWAPIP**CSLMENSLGPFPQHVQQVQSDAAQNY--TIFYSISGPGVDKEPFNLFFIEKDTGDIFCTRSIDREQYQEFPIYAYATTADGYAPEYPLPLVFKVEDDNDNAPYF **RWAPIP**CSMLENSLGPFPLFLQQVQSDTAQNY--TIYYSIRGPGVDQEPRNLFYVERDTGNLYCTRPVDREQYESFEIIAFATTPDGYTPELPLPLIKIEDENDNYPIF RWAPIPCSMQENSLGPFPLFLQQIQSDTAQNY--TIFYSIRGPGVDREPKNLFYVERDTGNLFCTRPVDREEYESFELIAFATTPDGYTPELPLPLVIRIEDENDNYPIF RWAPIPCSMQENSLGPFPLFLQQVESDAAQNY--TVFYSISGRGVDKEPLNLFYIERDTGNLFCTRPVDREEYDVFDLIAYASTADGYSADLPLPLPIRVEDENDNHPVF **NAPIP**CSMQENSLGPFPLFLQQVQSDAAQNY--TVFYSISGRGADQEPLNWFFIERDTGNLYCTRPVDREEYDVFDLIAYASTADGYSADLPLPLPIKIEDENDNYPLF **NWAPIP**CSMQENSLGPFPLFLQQVESDAAQNY--TVFYSISGRGVDKEPLNLFYIERDTGNLFCTRPVDREEYDVFDLIAYASTADGYSADLPLPLPIRVEDENDNHPVF Mouse Dsg3 Human Dsg4 Mouse Dsg4 Mouse Dsg5 Mouse Dsg6 Human Dsc1 Bull Dsg1 Human Dsg2 Human Dsg3 Mouse Dsc1 Human Dsc2 Dog Dsc2 Human Dsc3 Mouse Dsc3 Bull Dsc1

Fig. 5

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Control



ADH358

Confluent cultures of SKOV3 cells treated with ADH358 (1.0 mg/ml) for 24 h.